

Certificate of Analysis

Date of Testing: 2023-04-23 14:02:14

Date of Next Testing: 2027-04-22 14:02:14

Product Name: **Lithocholic acid**

CAS Number: 434-13-9

Specifications & Purity: 95%

Lot #: D2318149

SKU #: **L131642**

Analysis: 113073

Parameter	Limit Values	Result
Melting point	183-188 (°C)	185.73000 °C
Specific Rotation [α] ₂₀ /D(c=1 in EtOH)	33-38 (°)	35.30°
Purity(Neutralization titration)	96.5-103.5 (%)	101.89 %
Purity(HPLC)	95-100 (%)	99.13000 %
Appearance (L131642)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager